

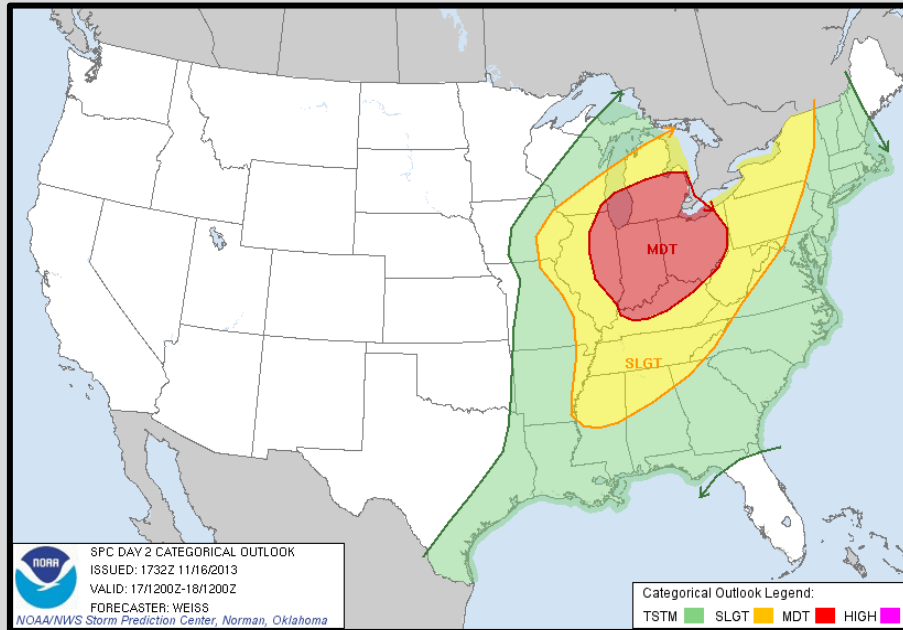


Severe Storm Potential Sunday

Strong Fall Storm Could Lead to Damaging Winds & Tornadoes



Severe Weather Outlook for Sunday



Click on the Image for the Most Current
Day 2 Severe Weather Outlook

Event Summary

**Damaging Winds & Tornadoes
Possible Sunday**

**Thunderstorm Potential Exists
This Evening through Sunday**

**Strong Winds Expected
Sunday & Sunday Night
...Even Outside of Storms**

Posted: November 16, 2013 – 1pm EST

weather.gov/grandrapids



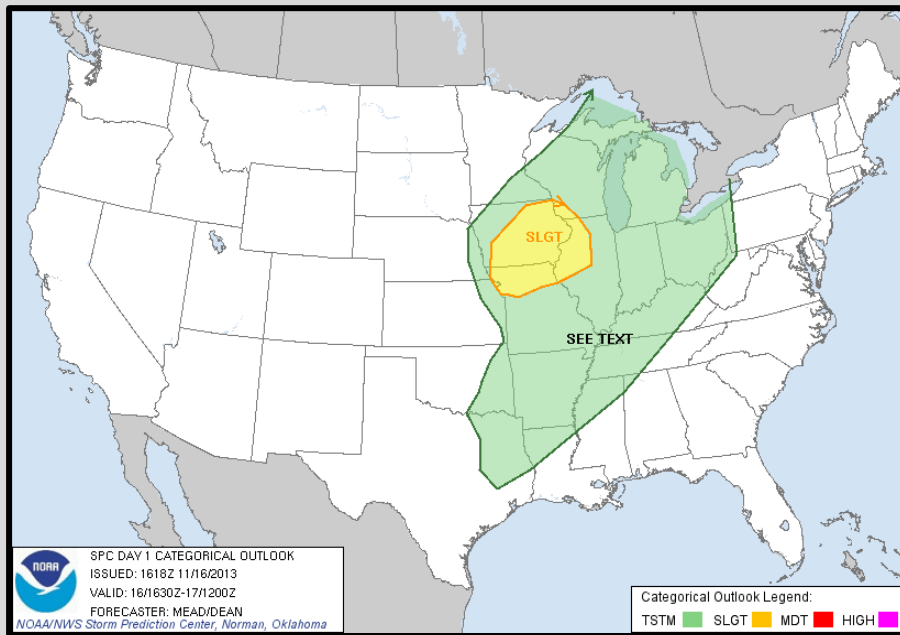


Severe Storm Outlook

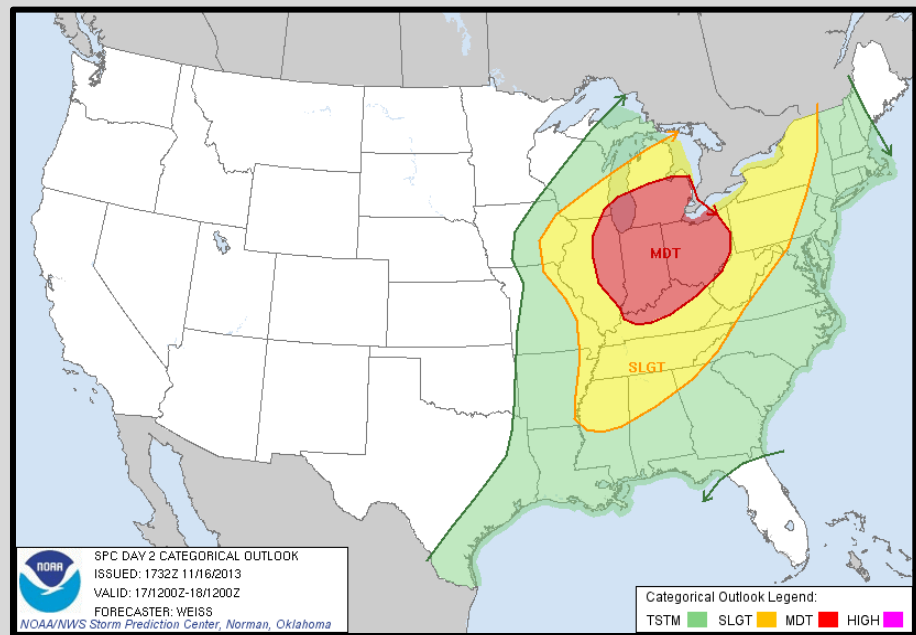
Strong Fall Storm Could Lead to Damaging Winds & Tornadoes



Saturday, November 16



Sunday, November 17



Click on the Images for the Most Current Day 1 & 2 Severe Weather Outlooks

weather.gov/grandrapids





Severe Weather Details

Strong Fall Storm Could Lead to Damaging Winds & Tornadoes



What

Widespread damaging winds are possible Sunday with the potential for isolated tornadoes

Greatest Threats:

- **Damaging Winds** – Could Exceed 70 mph
- **Tornadoes** – Isolated Tornadoes Possible

Lesser Threat:

- Large Hail and Flooding

When

- Greatest Threat for Damaging Winds and Possible Tornadoes from 10 a.m.-6 p.m. Sunday

Where

- All of Southwest Lower Michigan

Forecast Confidence

- Confidence of Storm Development is **High**
- Confidence for Severe Weather is **Moderate** and Increasing



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Forecast Radar Sunday

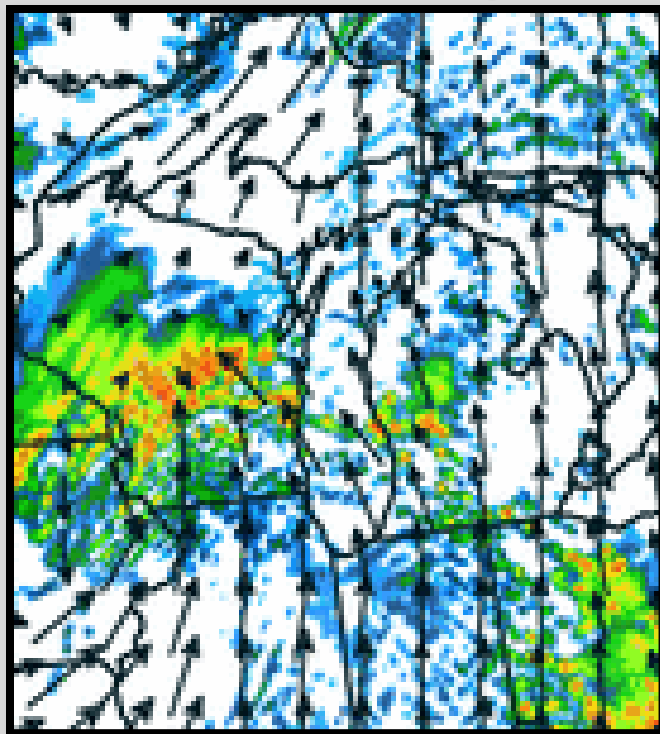


Multiple Rounds of Storms Possible

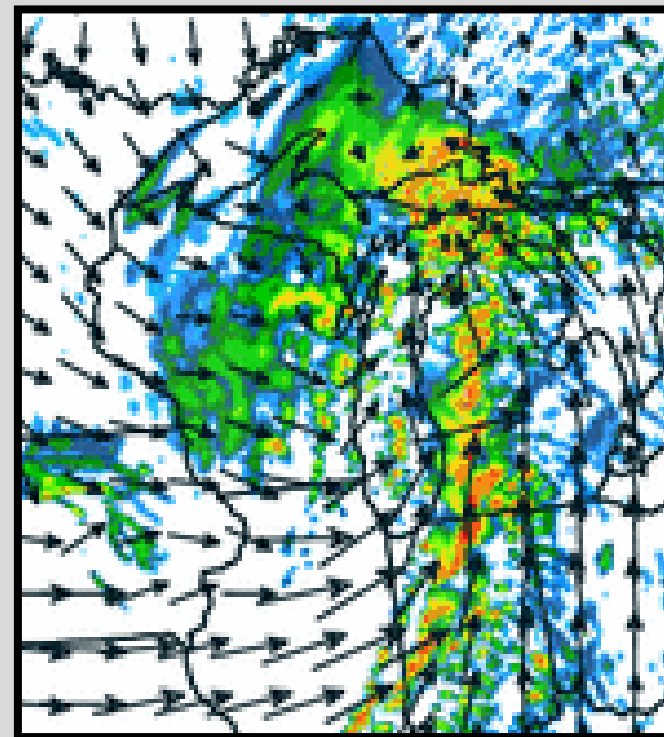
Developing Storms Tonight

Two Rounds of Storms Sunday, Possibly Severe

**Forecast Radar
11am Sunday**



**Forecast Radar
4 pm Sunday**



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Windy Conditions This Weekend

Winds Saturday Night
Through Sunday Night

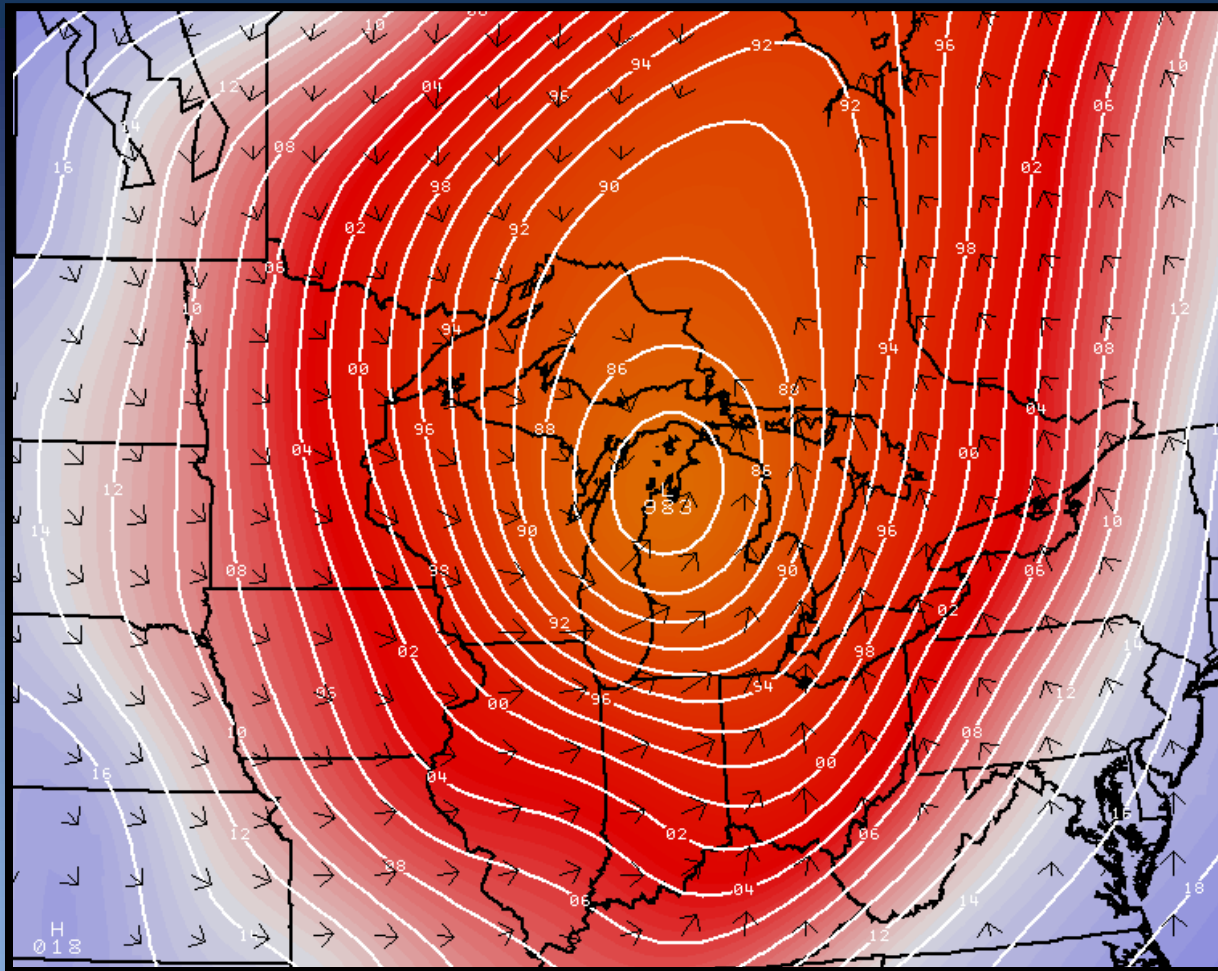
Inland

- Generally 20-35 mph
- Gusts over 50 mph

Lake Michigan

- Generally 30-40 mph
- Gusts over 50 mph

Damaging wind potential
increases in and near
thunderstorms



Low Pressure Center and Winds- 7pm Sunday

Dangerously Windy Conditions on Lake Michigan

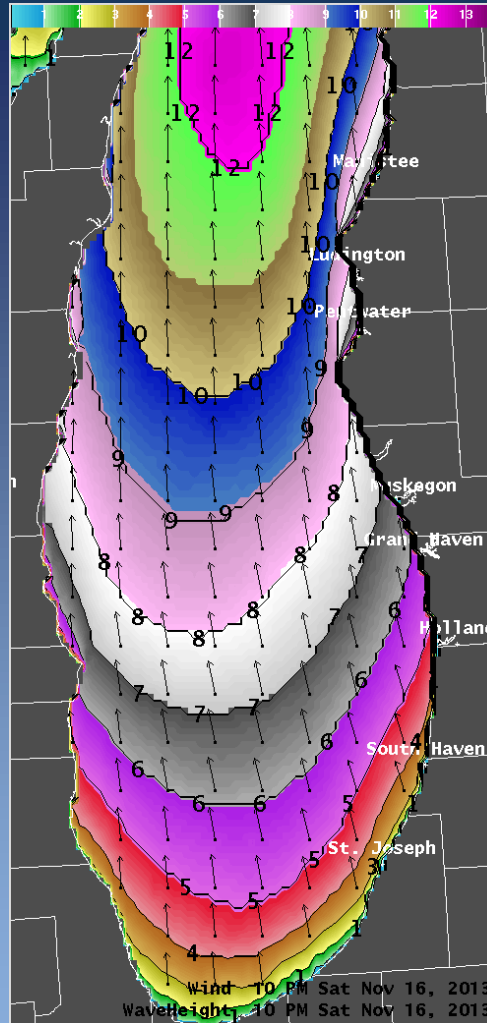
Winds Saturday Night
Through Sunday Night

- Generally 30-40 mph
- Gusts over 50 mph

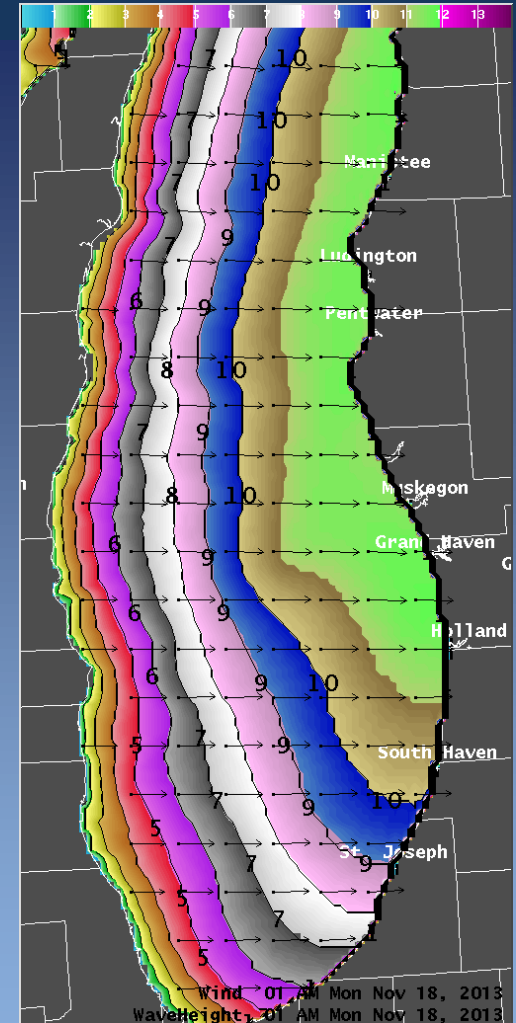
Waves

- 6-12 Feet
- Greater Than 12 Feet Possible,
Especially Sunday Night

Thunderstorms will create greater
threat for hazardous conditions



Wave Heights
Through Tonight



Wave Heights
Through Sunday Night



Hazards Summary Review

Tonight Through Sunday Night



- **Damaging Wind and Isolated Tornadoes are Greatest Threat**
 - **All of Southwest Lower Michigan**
- **Storms Develop This Evening, Severe Potential Sunday**
- **Locally Heavy Rainfall - Localized Flooding Possible**
- **Dangerous Winds Over both Lake Michigan and Inland Sunday and Sunday Night**



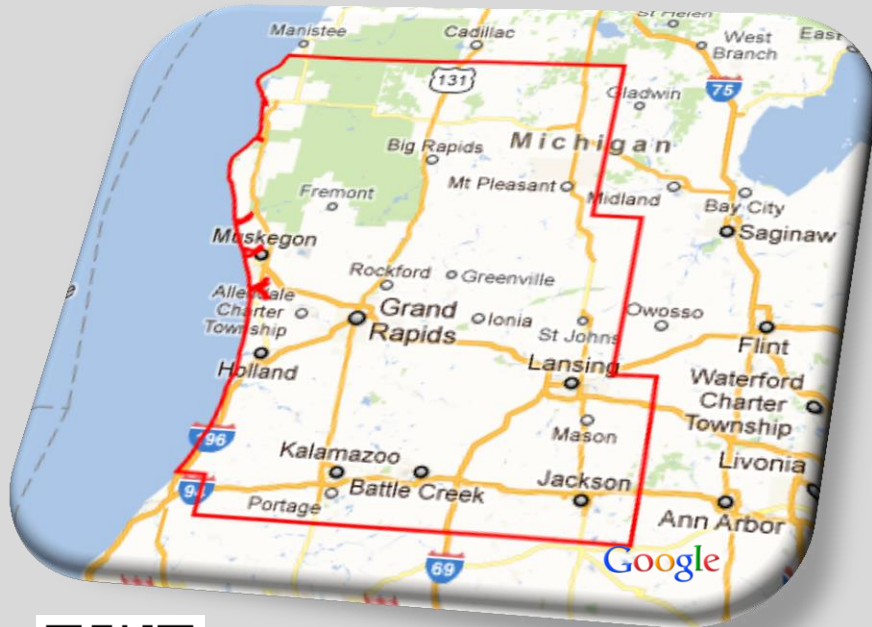
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Important Web Links

Click the Links Below for More Information



Severe Weather Briefing Slides

www.weather.gov/grr/webinars

Regional Weather Radar Loop

www.weather.gov/radar

Severe Weather Summary

www.crh.noaa.gov/hazards/grr

Storm Prediction Center

www.spc.noaa.gov

NOAA National Weather Service - Grand Rapids, Michigan

National Weather Service
Grand Rapids

www.weather.gov/grandrapids

Email: w-grr.webmaster@noaa.gov

Phone: 616-949-0643



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